

EX100

Multimedia Projector



Small size
without compromise.



Features/Benefits

- Ultra bright — 2700 lumens for use in any lighting
- Featherweight portability — only 3.5 lb
- Rich, full-time color — advanced 3LCD, 3-chip optical engine
- Razor sharp detail, HD-ready — native XGA resolution, up to 1600 x 1200
- Outstanding support — two-year limited warranty, next-business-day Road Service
- Simple setup — 1.2x optical zoom and auto keystone correction
- Convenient control — Instant On, Instant Off[®], and Sleep Mode
- Security anywhere — password protection and Kensington[®] lock bar
- Carrying case included

Ordering Information

Product Name	Product Code	UPC
EX100 (U.S.)	V11H230120	0 10343 87067 3
EX100 (Canada)	V11H230120-F	0 10343 87143 4
Replacement lamp	V13H010L38	0 10343 86102 2
Replacement air filter	V13H134A08	0 10343 85123 8

Epson EX100 Specifications

Projection System
High aperture Epson 3-chip 3LCD technology
Projection Method
Front/rear/ceiling mount
LCD
Driving Method
Epson Poly-silicon TFT Active Matrix
Pixel Number
786,432 dots x 3 (1024 x 768) LCDs
Native Resolution
XGA

Aspect Ratio
4:3 (supports 16:9)

Pixel Arrangement
Cross stripe

Projection Lens
Type
Manual focus/zoom

F-number
1.6 – 1.77

Focal Length
23.77 – 28.54 mm

Zoom Ratio
Optical zoom 1.0 – 1.2

Lamp

Type
170 W UHE

Lamp Life*

2000 hours (High Brightness Mode)
3000 hours (Low Brightness Mode)

Screen

Throw Ratio Range
1.46" – 2.39"

Size (projected distance)
30" – 300" (3.2' – 39.7')

Keystone Correction

Vertical: ±30 degrees

Brightness (High Brightness Mode)

White light output – up to 2700 lumens (ISO 21118)
Color light output – up to 2700 lumens

Contrast Ratio (High Brightness, Game Mode)

Up to 400:1

Brightness Uniformity (typical)

83%

Color Reproduction

16.77 million colors

Dimensions (W x D x H)

Including Feet

10.7" x 7.6" x 3.1"

Excluding Feet

10.7" x 7.6" x 2.7"

Weight

3.5 lb/1.6 kg

Effective Scanning Frequency Range

Pixel Clock
13.5 MHz – 162 MHz

Horizontal
15 KHz – 92 KHz

Vertical
50 Hz – 85 Hz

Remote Control

Features
Source search selection, power, aspect resize, color mode, volume, e-zoom, A/V mute, freeze, menu, page up and down, help, auto, mouse functions, ID

Operating Angle
Right/left ± 30 degrees

Upper/lower ± 15 degrees

Operating Distance
19.7 ft (6 m)

Display Performance
Native
1024 x 768

Resize

640 x 480

800 x 600

1280 x 1024

1400 x 1050

1600 x 1200

Video I/O

Display Performance
NTSC: 560 line

PAL: 560 line

(depends on observation of the multi-burst pattern)

Input Signal

NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/

SECAM

SDTV: 480i, 480p; HDTV: 720p, 1080i

Interfaces

Computer/component video: mini D-sub HD 15 pin x 1

S-video: mini DIN x 1

Composite video RCA x 1

Audio in mini stereo x 1)

USB 2.0 type B (for keyboard and mouse)

Other Features

Audio Output

1 W monaural

Audio Signal

500 m Vrms/47K ohm

Operating Temperature
41° to 95°F (5° to 35°C)

Power Supply Voltage
100 – 240 V ±10%, 50/60 Hz AC

Power Consumption

244 W, 18 W standby (network on),

3.8 W standby (network off)

Fan Noise

40 dB (High Brightness Mode)

35 dB (Low Brightness Mode)

Special Features

Direct Power Off, Instant On, Instant Off, Sleep Mode

Security

Kensington®-style lock provision, anchor (metal) bar for security lock or cable, password protect function

Support — The Epson Connection™

Pre-sales support

U.S. and Canada

800-463-7766

Internet website

www.epson.com

Service Programs

Two-year limited warranty, 90-day lamp warranty, Epson Road Service Program and Epson PrivateLine® dedicated toll-free support (U.S. and Canada only)

Contents

Soft carrying case, component video adapter (VGA to 3 RCA), audio adapter (3.5mm – 2 RCA) power cable, computer cable, projector remote control, batteries, cable cover, user manual CD, Quick Setup Sheet, PrivateLine support card, password protection sticker

Accessory Part Numbers

Replacement remote	1456639
Universal projector ceiling mount	ELPMBPJF
Advanced projector ceiling mount with precision gear	ELPMBPRG
High security projector ceiling mount	ELPMBATA
Adjustable suspended ceiling channel kit	ELPMBP01
False ceiling plate kit	ELPMBP02
Structural round ceiling plate	ELPMBP03
Adjustable extension column (pipe) 6"-9"	ELPMB001
Security flex foot kit	ELPMBF01
Kensington security lock	ELPSL01
Distribution amplifier	ELPDA01
Component to VGA video adapter	ELPKC19
Component to VGA video cable	ELPSV01
S-video cable	ELPKS63
Swiss Gear back pack	V12H001K60
Simple Soft carrying case	ELPKS62
Wheeled soft case	ELPKS61
Soft shoulder case for projector and laptop	ELPKS58
ATA molded hardshell case	ELPKS06
50" portable screen	ELPSC07
60" portable pop-up screen	ELPSC08
80" portable pop-up screen	ELPSC09
83.6" classroom style pull-down screen	ELPSC08
Duet™ screen	ELPSC09
Image presentation camera (ELPDC05)	V12H162020

* Lamp life results will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

Packaging Specifications

EX100

Dimensions 11.4" x 14.6" x 7.7" (W x D x H)

Weight 7.3 lb

Replacement Lamp

Dimensions 5.1" x 5.5" x 5.6" (W x D x H)

Weight 0.59 lb

Master Carton

Dimensions 26.0" x 11.5" x 6.8" (W x D x H)

Weight 7.5 lb

Units Per Master Carton 10

Replacement Air Filter

Dimensions 4.9" x 4.0" x 1.3" (W x D x H)

Weight 0.07 lb

Master Carton

Dimensions 4.3" x 12.6" x 5.1" (W x D x H)

Weight 1.1 lb

Units Per Master Carton 10



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